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UTILITY PATENT APPLICATION TRANSMITTAL

N1085-00144 Attorney Docket No. Ting-Chu Ko et al. First Inventor LOW RESISTANCE AND RELIABLE COPPER Title INTERCONNECTS BY VARIABLE DOPING

Express Mail Label No. EV175963456US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 3. Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications i. CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, ii. 🔲 or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description 9. Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement Power of - Abstract of the Disclosure (when there is an assignee) Attorney English Translation Document (if applicable) 4. 1 Drawing(s) (35 U.S.C. 113) [Total Sheets Copies of IDS Information Disclosure 12. 5. Oath or Declaration Total Pages Citations Statement (IDS)/PTO-1449 Unexecuted (original or copy) Copy from a prior application (37 CFR 1.63 (d)) **Preliminary Amendment** Return Receipt Postcard (MPEP 503) 14. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other: Certification Under 37 C.F.R: 1:10 ···· Application Data Sheet. See 37 CFR 1.76 17. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:_ Prior application information: Examiner: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS V Customer Number or Bar Code Label Correspondence address below William H. Murray Name Duane Morris LLP Address One Liberty Place Philadelphia City State PA Zip Code 19103-7396 215-979-1264 Country USA Telephone Fax 215-979-1020 William H. Multay, Esquire Name (Print/Type) Registration No. (Attorney/Agent) 27,218 08/08/2003 Signature Date

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PTO/SB/17 (01-03)
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Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) ·	790.00
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Compl te if Known			
Application Number			
Filing Date	08/08/2003		
First Named Inventor	Ting-Chu Ko et al.		
Examiner Name			
Art Unit			
Attorney Docket No.	N1085-00144		

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check Credit card Money Other None		3. A	3. ADDITIONAL FEES				
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Number Deposit		1052	50	2052		Surcharge - late provisional filing fee or	
Account Name Duane Morris LLP		}		2002		cover sheet	
The Commissioner is authorized to: (check all that apply)		1053	130	1053		Non-English specification	 -
Charge fee(s) indicated below Credit any overpayments		,	2,520	1	•	For filing a request for ex parte reexamination	
Charge any additional fee(s) during t	he pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, exce	pt for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after)
to the above-identified deposit account.						Examiner action	
FEE CALCUL	ATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE		1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity Fee Fee Fee Desc	ription Fee Paid	1253	930	2253	465		}
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1001 750 2001 375 Utility fil	ing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month	
1002 330 2002 165 Design		1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant fili	ng fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue	filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisio	nal filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTA	AL (1) (\$) 750.00	1452	110	2452	55	Petition to revive - unavoidable	<u> </u>
2. EXTRA CLAIM FEES FOR U		1453	1,300	2453	650	Petition to revive - unintentional	
	Fee from	1501	1,300	2501	650	Utility issue fee (or reissue)	
Total Claims 20 -20** = 0		1502	470	2502	235	Design issue fee	
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Claims 3 - 3** ≈ 0	」×[<u>84</u>] <u>†</u>	1460	130	1460	130	Petitions to the Commissioner	<u> </u>
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Large Entity Small Entity Fee Fee Fee Fee	Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)		8021	40	8021	l 40	Recording each patent assignment per property (times number of properties)	
	in excess of 20	1809	750	2809	375	Filing a submission after final rejection	<u> </u>
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	dependent claim, if not paid	1810	750	2810	375	For each additional invention to be	
	sue independent claims original patent	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reiss	sue claims in excess of 20	1802	900	1802	900	Request for expedited examination	<u> </u>
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SUBMITTED BY (Complete (if applicable) Registration No. William H./Murray, Esquire Name (Print/Type) 27,218 Telephone 215-979-1264 (Attornev/Agent) Signature 08/08/2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

EXPRESS MAIL LABEL NO.: EV175963456US ATTORNEY DOCKET NO.: N1085-00144 [TSMC2002-0854]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ting-Chu Ko et al.

Serial No.: Not Yet Assigned Examiner: Not Yet Assigned

Filed: 08/08/2003 Group Art Unit: Not Yet Assigned

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CERTIFICATION UNDER 37 C.F.R. 1.10

I hereby certify that this document (along with the enclosed Patent Application Transmittal and any documents referred to therein) is being deposited with the United States Postal Service on the date shown below with sufficient postage as "Express Mail Post Office to Addressee" Mailing Label Number **EV175963456US** to the following:

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Dated: 8 8 2007

Chris Lambriodes